

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial No.: (Parent Application Serial Nos. PCT/US00/35558
and 60/173,890)

Filed: August 28, 2001

Group Art Unit: Unknown

Examiner: Unknown

Applicant: Chapoulaud et al.

Title: CUSTOM ORTHODONTIC APPLIANCE FORMING METHOD
AND APPARATUS

Atty Docket No. ORM-166CI

Cincinnati, Ohio 45202

August 28, 2001

Box: PATENT APPLICATION
Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

PRELIMINARY AMENDMENT

Please insert the following paragraph on page 1 after the Title of the

Invention:

This application is a continuation of International Patent Application No. PCT/US00/35558, filed December 29, 2000, which is an International Application of U.S. Provisional Patent Application Serial No. 60/173,890, filed December 29, 1999, both of which are hereby expressly incorporated herein by reference in their entirety.

In the Claims

Cancel claims 1-25 and 42-48.

Please replace Claim 31 with the following:

31. Straightening the teeth of a patient with an orthodontic appliance made by the method of claim **26** and further comprising the steps of:

installing the custom orthodontic appliance on the teeth of the patient with the said surface matingly conforming to said portion of the crown of the tooth of the patient; and
through forces exerted on the tooth through the matingly conforming surface,
moving the tooth in the mouth of the patient.

Add new claims 49-52 as follows:

49. Straightening the teeth of a patient with an orthodontic appliance made by the method of claim **27** and further comprising the steps of:

installing the custom orthodontic appliance on the teeth of the patient with the said surface matingly conforming to said portion of the crown of the tooth of the patient; and
through forces exerted on the tooth through the matingly conforming surface,
moving the tooth in the mouth of the patient.

50. Straightening the teeth of a patient with an orthodontic appliance made by the method of claim **28** and further comprising the steps of:

installing the custom orthodontic appliance on the teeth of the patient with the said surface matingly conforming to said portion of the crown of the tooth of the patient; and
through forces exerted on the tooth through the matingly conforming surface,
moving the tooth in the mouth of the patient.

51. Straightening the teeth of a patient with an orthodontic appliance made by the method of claim 29 and further comprising the steps of:

installing the custom orthodontic appliance on the teeth of the patient with the said surface matingly conforming to said portion of the crown of the tooth of the patient; and

through forces exerted on the tooth through the matingly conforming surface, moving the tooth in the mouth of the patient.

52. Straightening the teeth of a patient with an orthodontic appliance made by the method of claim 30 and further comprising the steps of:

installing the custom orthodontic appliance on the teeth of the patient with the said surface matingly conforming to said portion of the crown of the tooth of the patient; and

through forces exerted on the tooth through the matingly conforming surface, moving the tooth in the mouth of the patient.

Remarks

Claims 1-25 and 42-48 have been canceled, claim 31 has been amended and new claims 49-52 have been added. Attached hereto is a marked-up version of the changes made to the claims by the current amendment. The attached page is captioned "Version with markings to Show Changes Made."

It is submitted that claims 26-41 and 49-52 are remaining in the application. The Examiner is invited to call the undersigned should any questions arise.

Respectfully submitted,

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VERSION WITH MARKINGS TO SHOW CHANGES MADE

Paragraph beginning at page 1, line 1, has been added as follows:

This application is a continuation of International Patent Application No. PCT/US00/35558, filed December 29, 2000, which is an International Application of U.S. Provisional Patent Application Serial No. 60/173,890, filed December 29, 1999, both of which are hereby expressly incorporated herein by reference in their entirety.

Original Claims 1-25 and 42-48 have been canceled.

Claim 31 has been amended as follows:

31. Straightening the teeth of a patient with an orthodontic appliance made by the method of [any of] claim[s] **26** [through **30**] and further comprising the steps of:
installing the custom orthodontic appliance on the teeth of the patient with the said surface matingly conforming to said portion of the crown of the tooth of the patient; and
through forces exerted on the tooth through the matingly conforming surface, moving the tooth in the mouth of the patient.

New Claims 49-52 have been added.